PILLSBURY WINTHROP LLP, LOS ANGELES
Serial No.: Unassigned; Filing Date: May 6, 2004
Inventors: Adams/Chen
Title: An Intracellular Estradiol Binding Protein...
Attorney Name: Seth D. Levy (RN 44,869)
Tel.: (213) 488-7131 Docket No.: 081476-0302961
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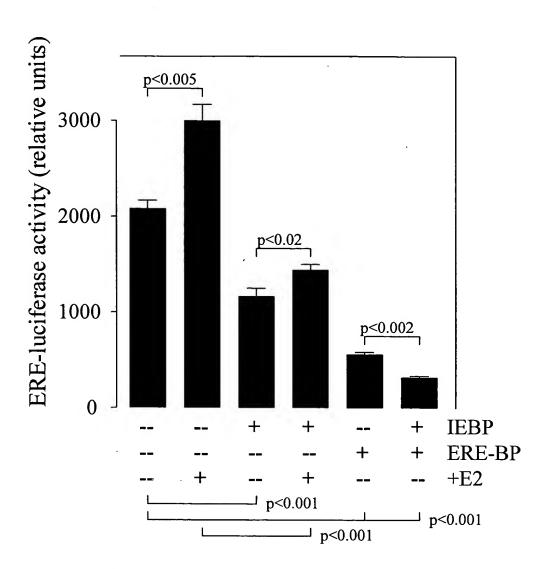
Fig. 1A

IEBP 1 hsp27 hCrysA hCrysB	MTERHVPFSLLQSPSWDPFRDWYPHSHLFDQAFGMPRLPEEWSQWFGT MTERRVPFSLLRGPSWDPFRDWYPHSRLFDQAFGLPRLPEEWSQWLGG ~~~~~MDVTIQHPWFKRTLGPFY.PSRLFDQFFGEGLFEYDLLPFLSS ~~~~~MDIAIHHPWIRRPFFPFHSPSRLFDQFFGEHLLESDLFP.TST
IEBP 51 hsp27 hCrysA hCrysB	SSWPGYVRPLPPTT <u>VEGPAVAAPAYSRALNOOLSSGVSETADRWRVS</u> SSWPGYVRPLPPAAIESPAVAAPAYSRALSRQLSSGVSEIRHTADRWRVS TISPYYRQSLFRT.VLDSGISEVRSDRDKFVIF SLSPFYLRPPSFLRAPS.WFDTGLSEMRLEKDRFSVN
IEBP 101 hsp27 hCrysA hCrysB	LDVNHFAPEELTVKTKDGVVETTGKHEERODEHGFISRGFTRKYSL <u>PPGV</u> LDVNHFAPDELTVKTKDGVVETTGKHEERODEHGYTSRGFTRKYTLPPGV LDVKHFSPEDLTVKVOODDFVETHGKHNERODDHGYTSREFHRRYRLPSNV LDVKHFSPEELKVKVLGDVTEVHGKHEERODEHGFISREFHRKYRIPADV
IEBP 151 hsp27 hCrysA hCrysB	DPTOVSPSLSPEGTLTVDAPMSKPATOSNEITIPVTFESR.AQLGGPE DPTQVSSSLSPEGTLTVEAPMPKLATQSNEITIPVTFESR.AQLGGPE DQSALSCSLSADGMLTFCGPKIQTGLDATHAERAIPVSREEKPTSAPS DPLTITSSLSSDGVLTVNGPRKQVSGPERTIPITREEKPAVTAAPK
IEBP 201 hsp27 hCrysA hCrysB	AAKSDRSAAK AAKSDETAAK S~~~~~~~ K~~~~~~

Fig. 1B

	hsp27	hCrys A	hCrys B
IEBP	87%	40%	44%
hCrys A	41%		54%
hCrys B	44%	54%	A CONTRACTOR OF THE SECOND

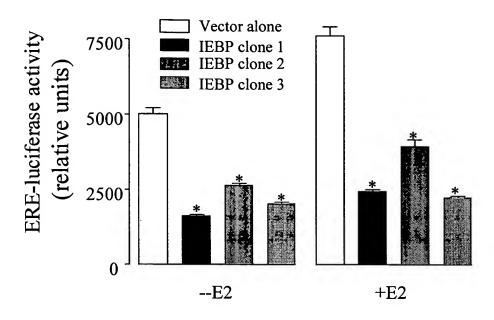
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<u>Fig. 2</u>

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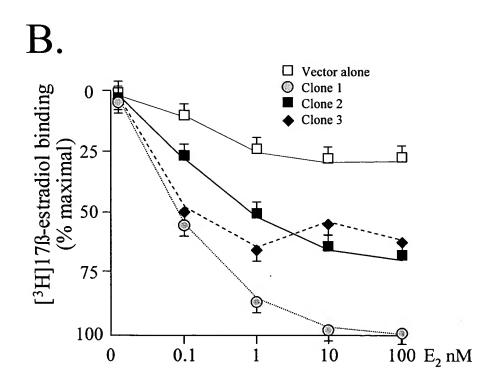
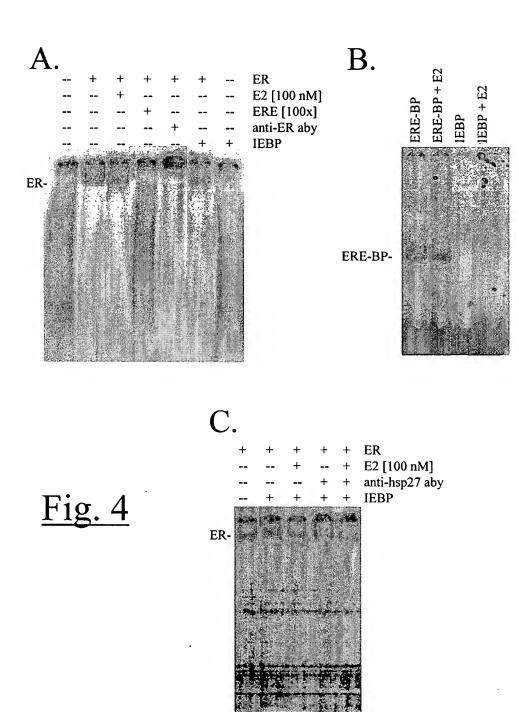


Fig. 3

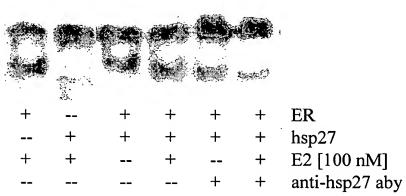
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B.

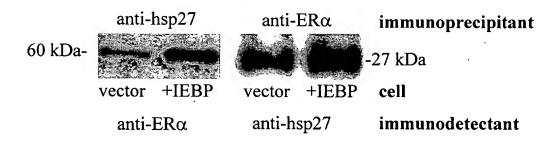
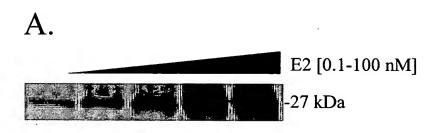


Fig. 5

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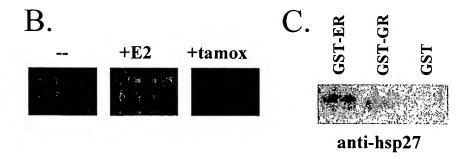
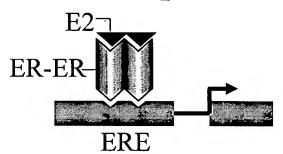


Fig. 6

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Fig. 8

normal expression 'squel



'squelched' expression
E2
—IEBP

